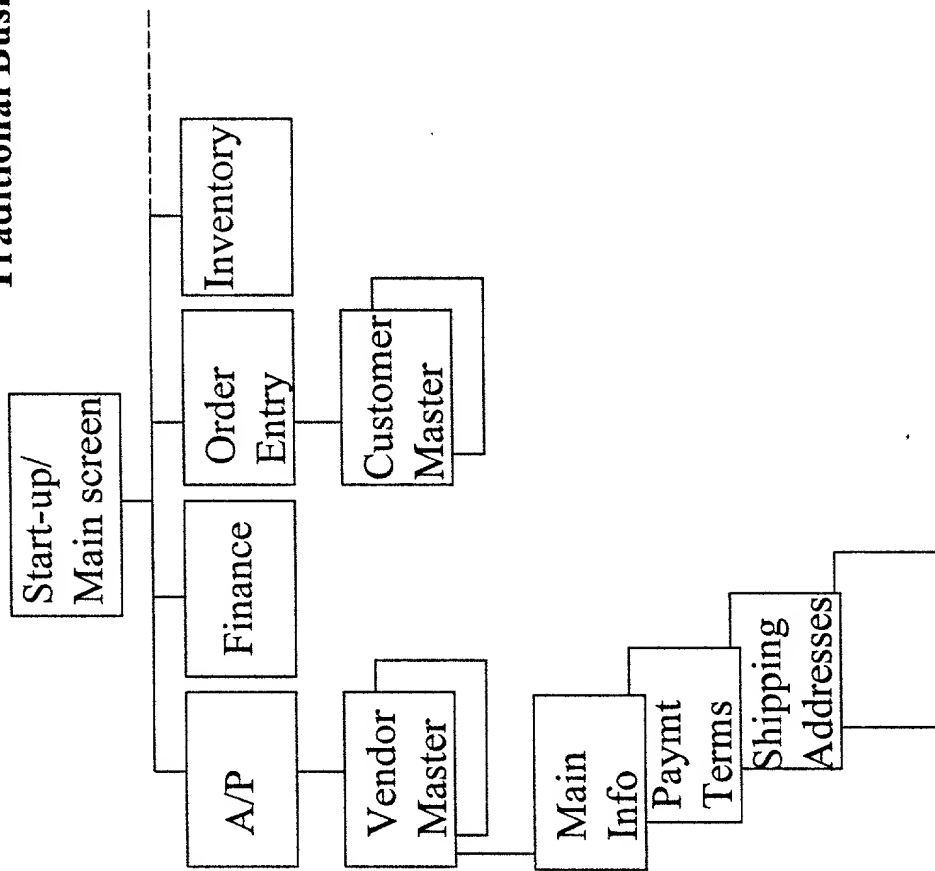


Fig. 1 (Prior Art)

Traditional Business Applications



Separate screens for vendors and customers.
 Screens may be located several levels down a complicated menu tree.
 Hundreds, if not thousands of screens with different look and feel, different layout, different information displayed.
 Screens generally do not include reference to transactional data.

Fig. 2A

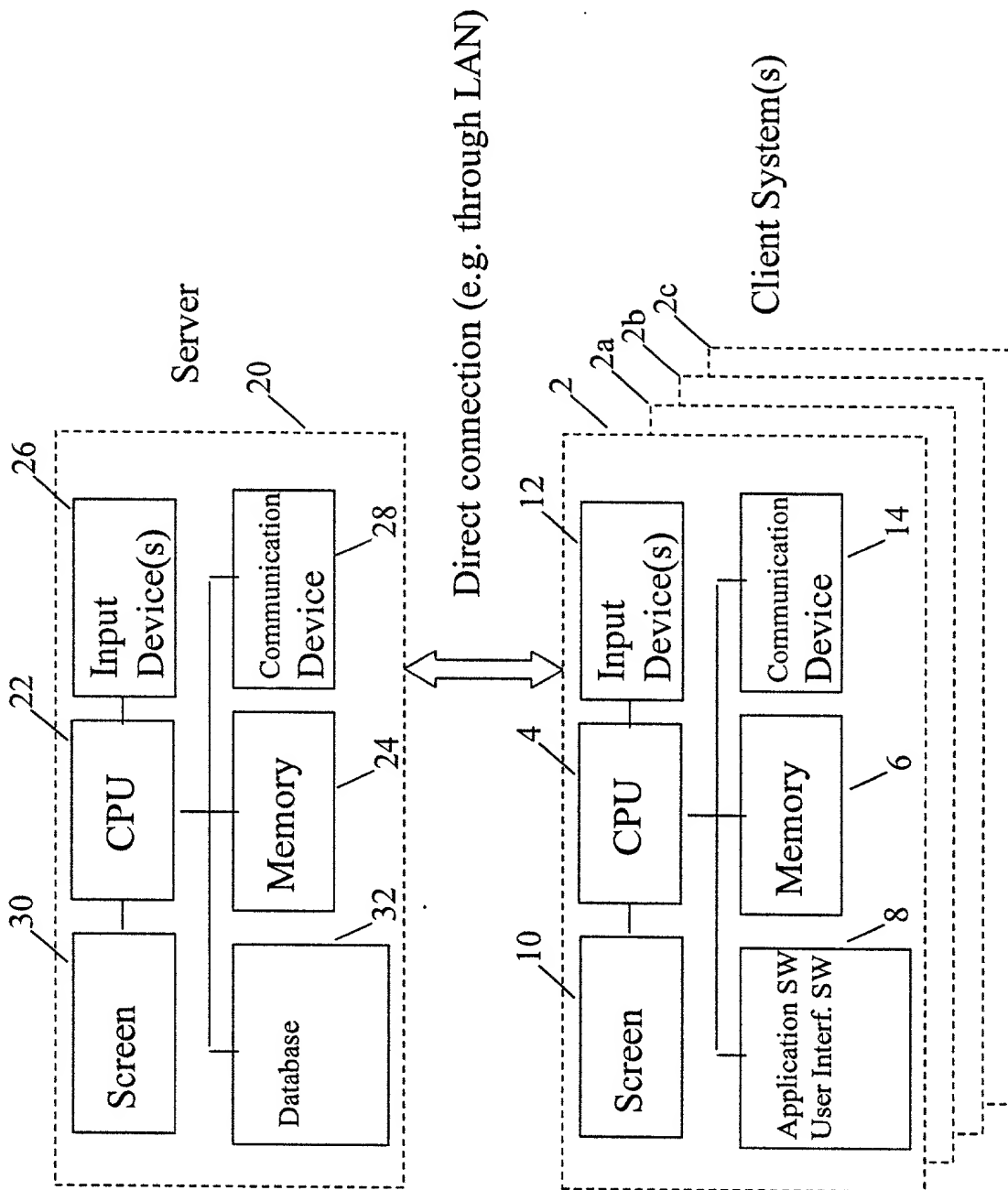


Fig. 2B

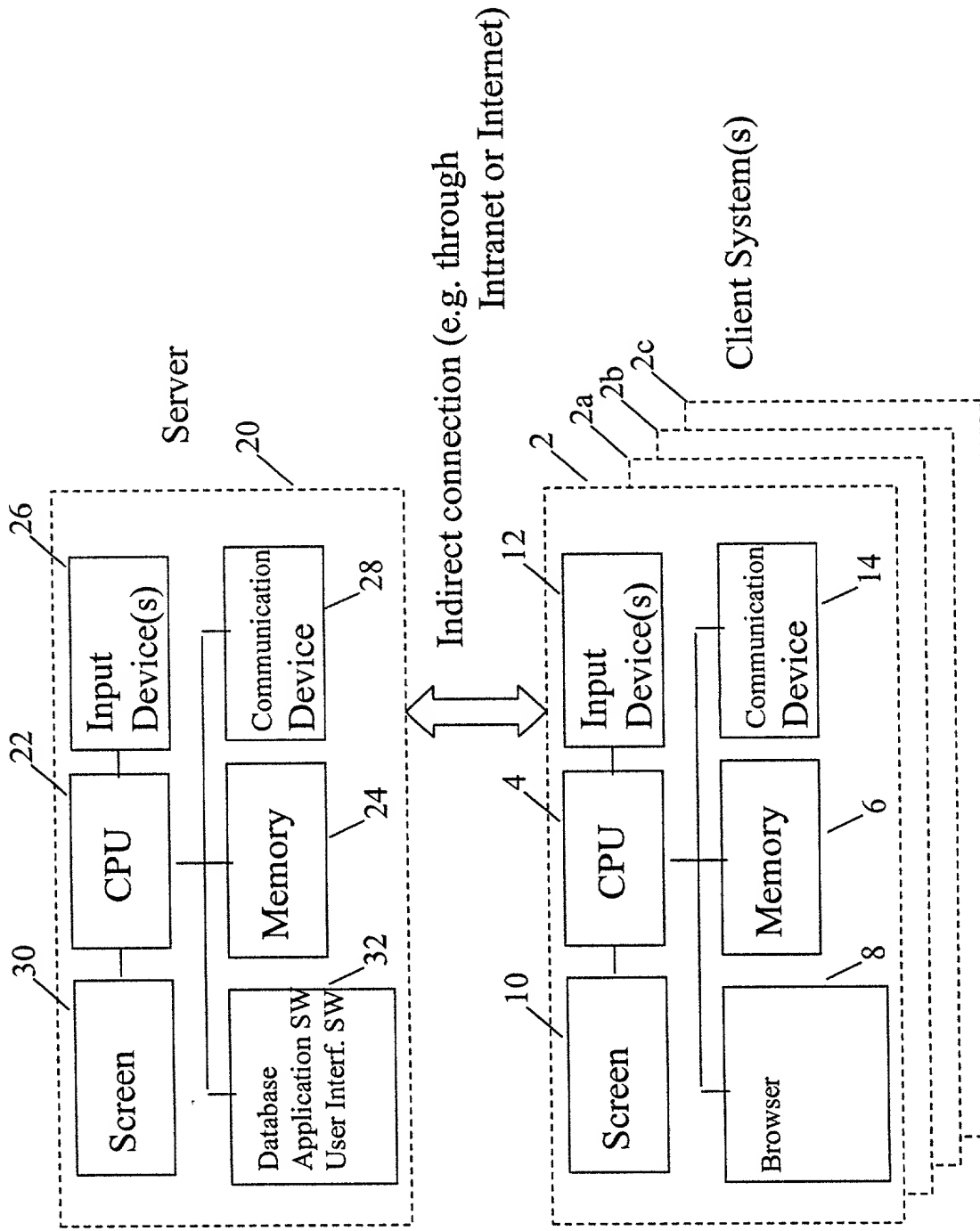


FIG. 2C

Fig. 2C

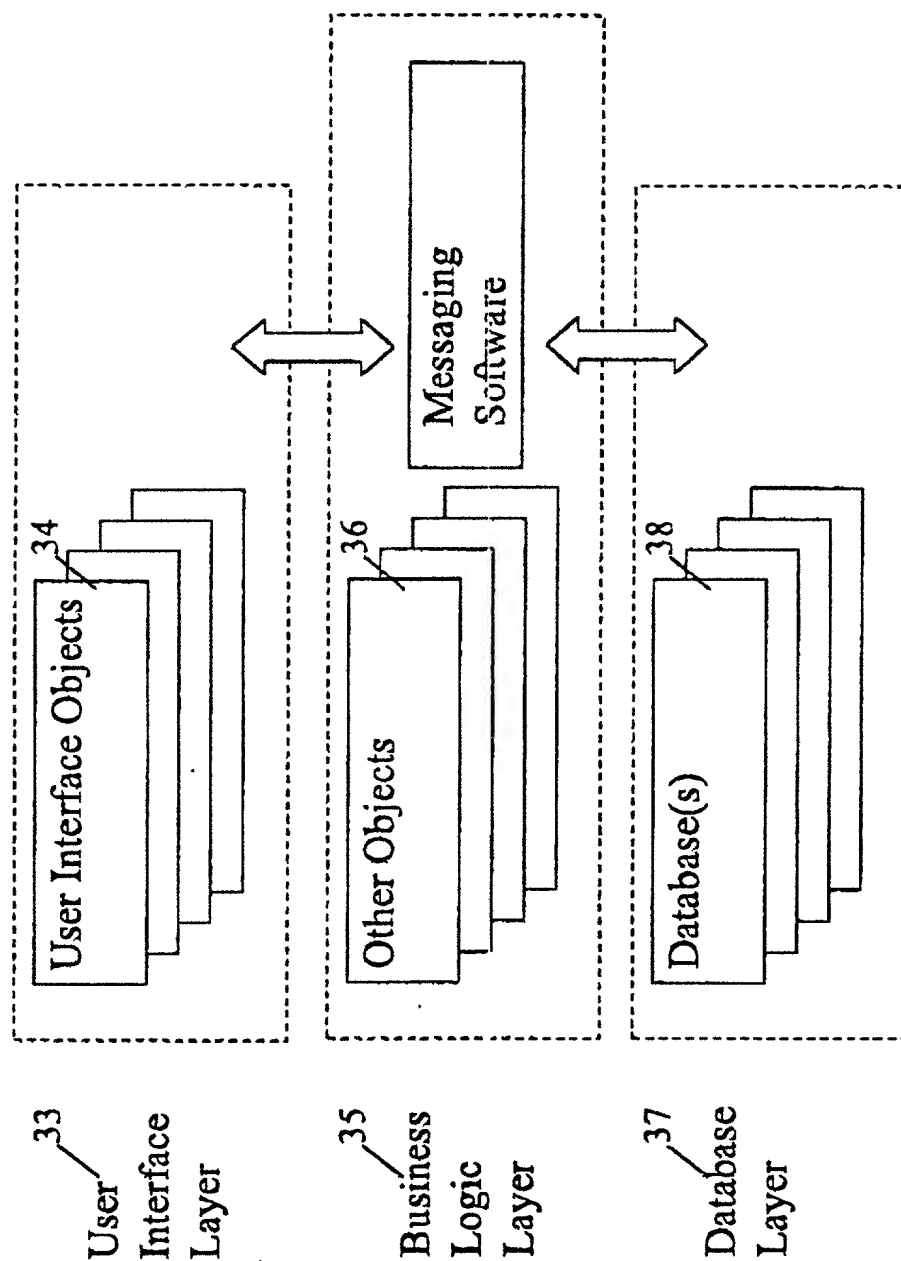


Fig. 3A

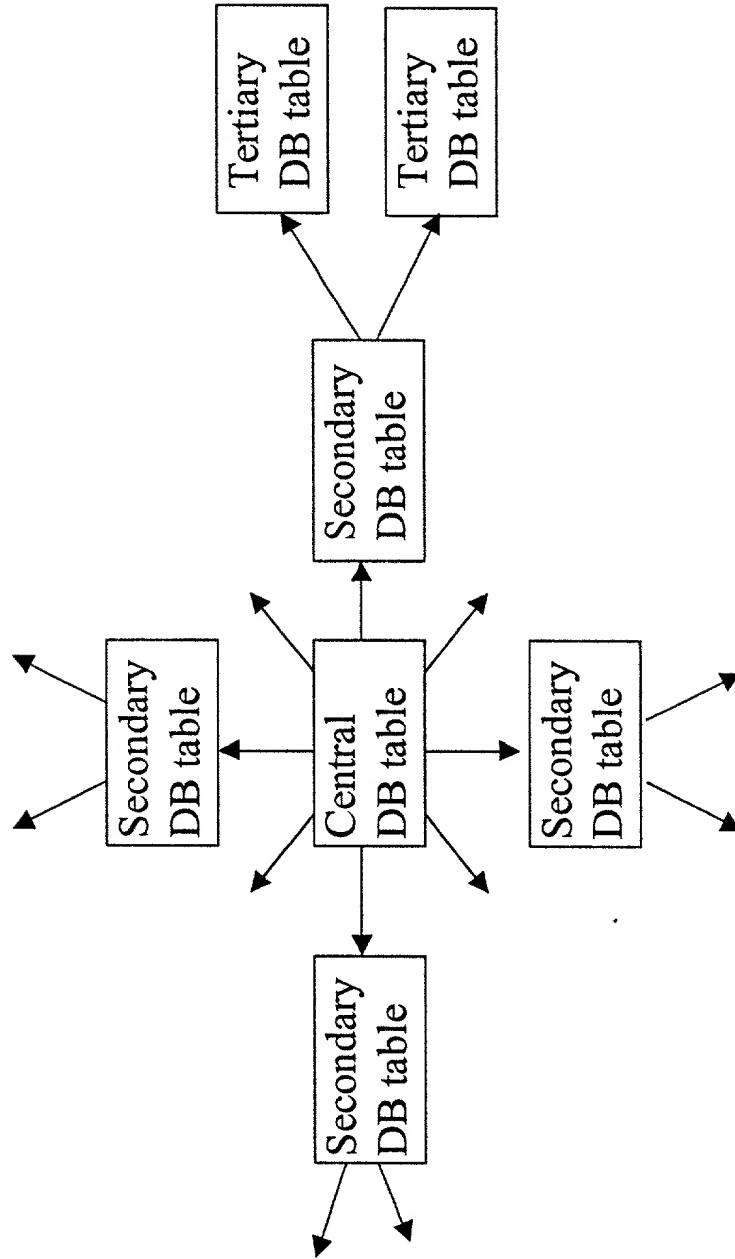
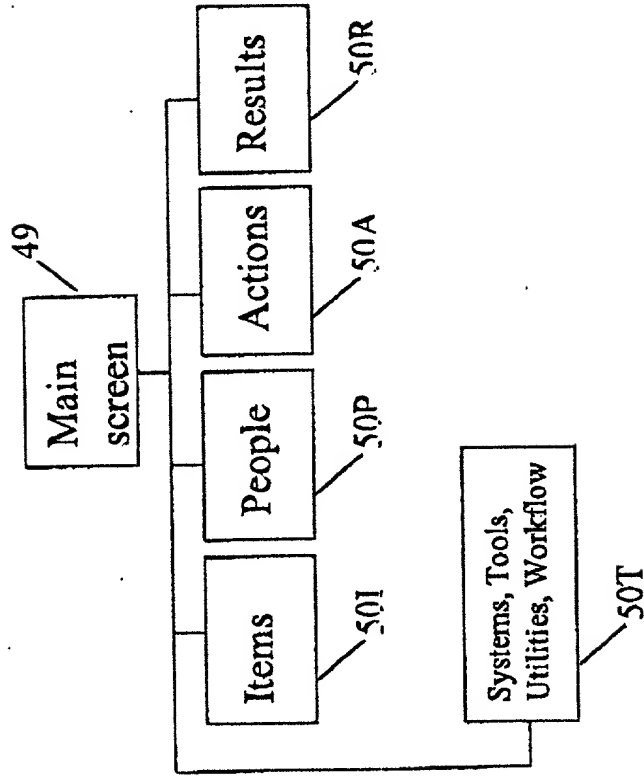


Fig. 4



One screen for vendors and customers
(select "people type").
Easy to find.
Similar look and feel (although some
fields are distinct).
Screen includes transactional data
(double click to see details).

Fig. 5

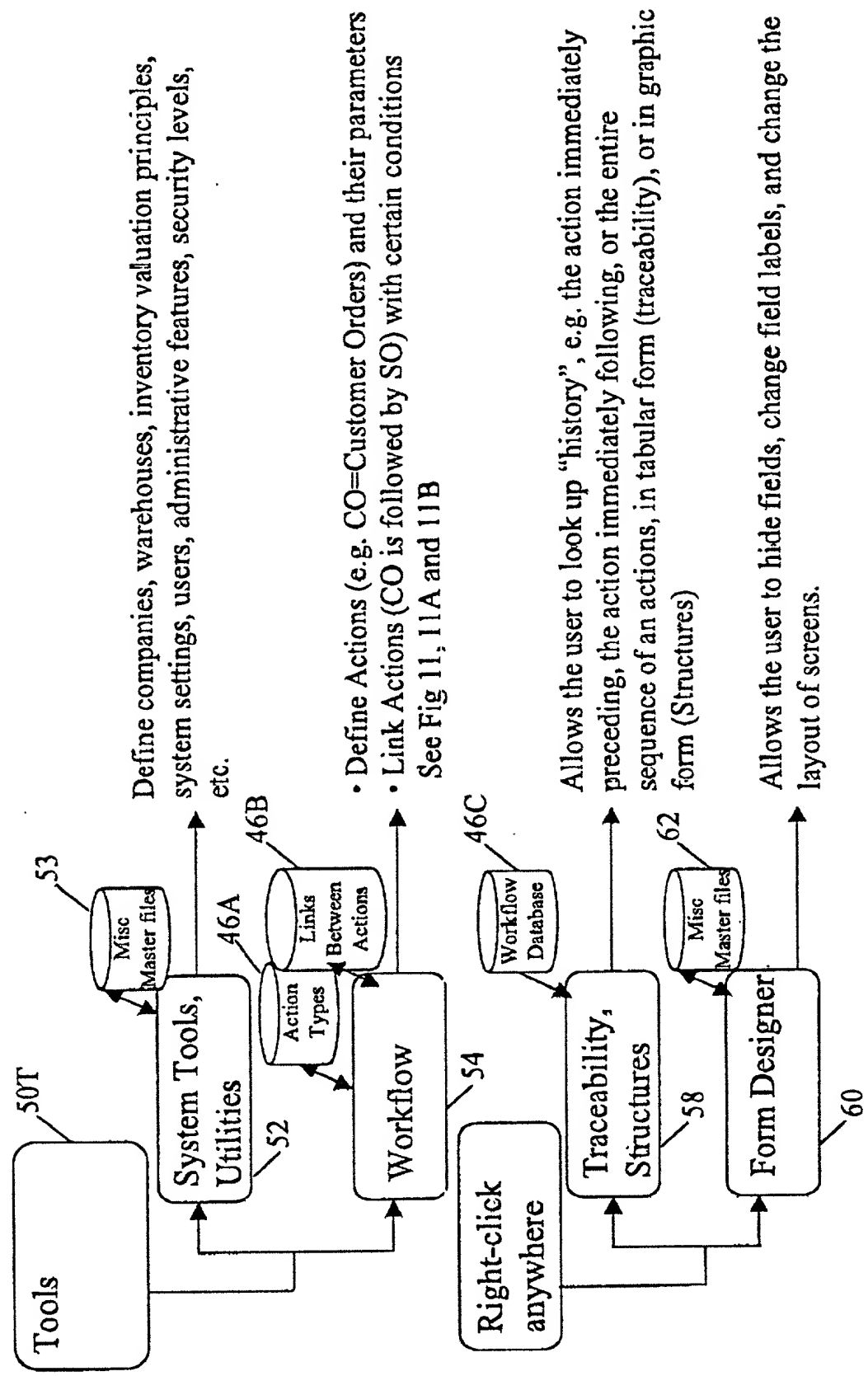


FIG. 6

Fig. 6

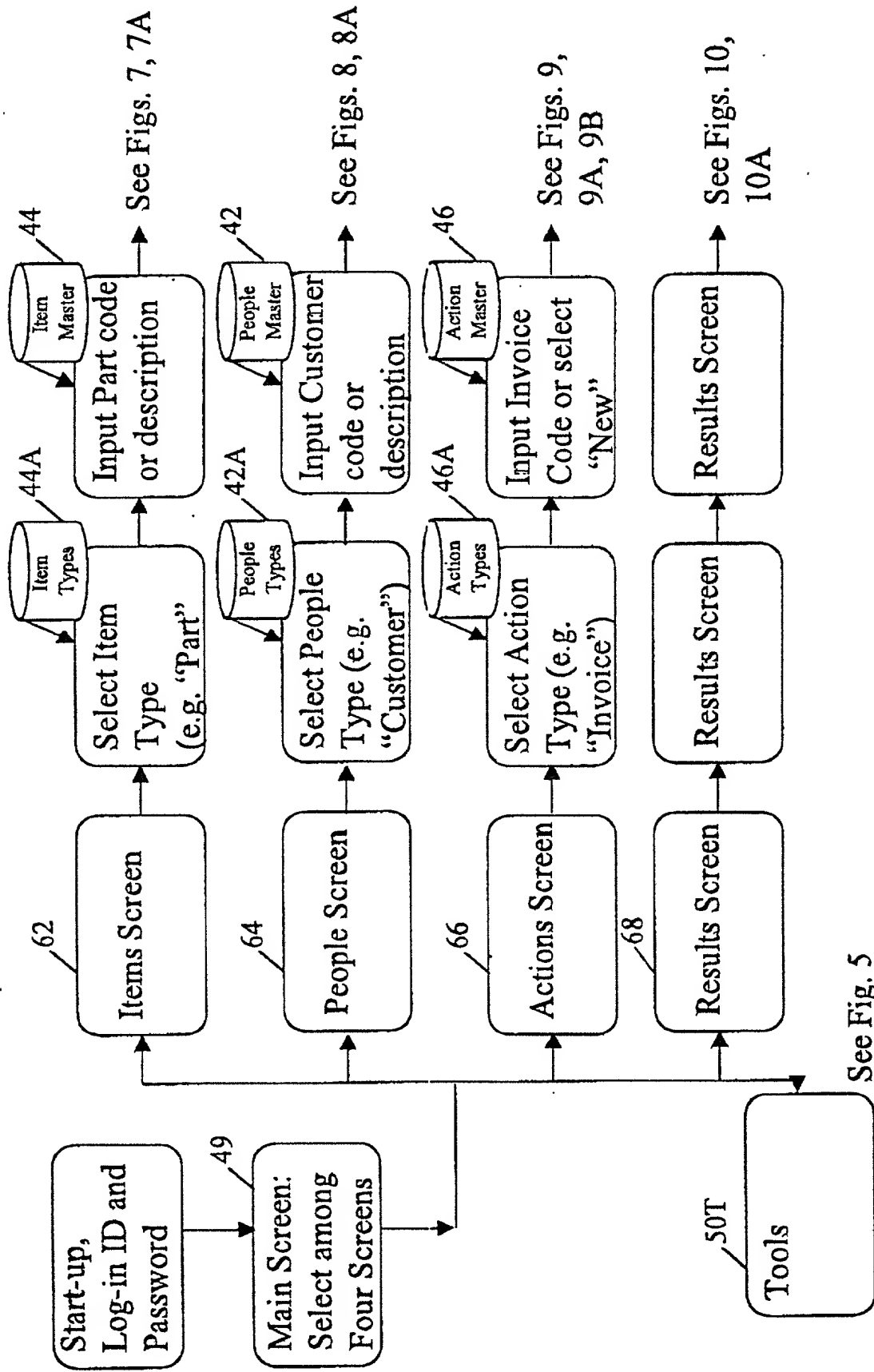
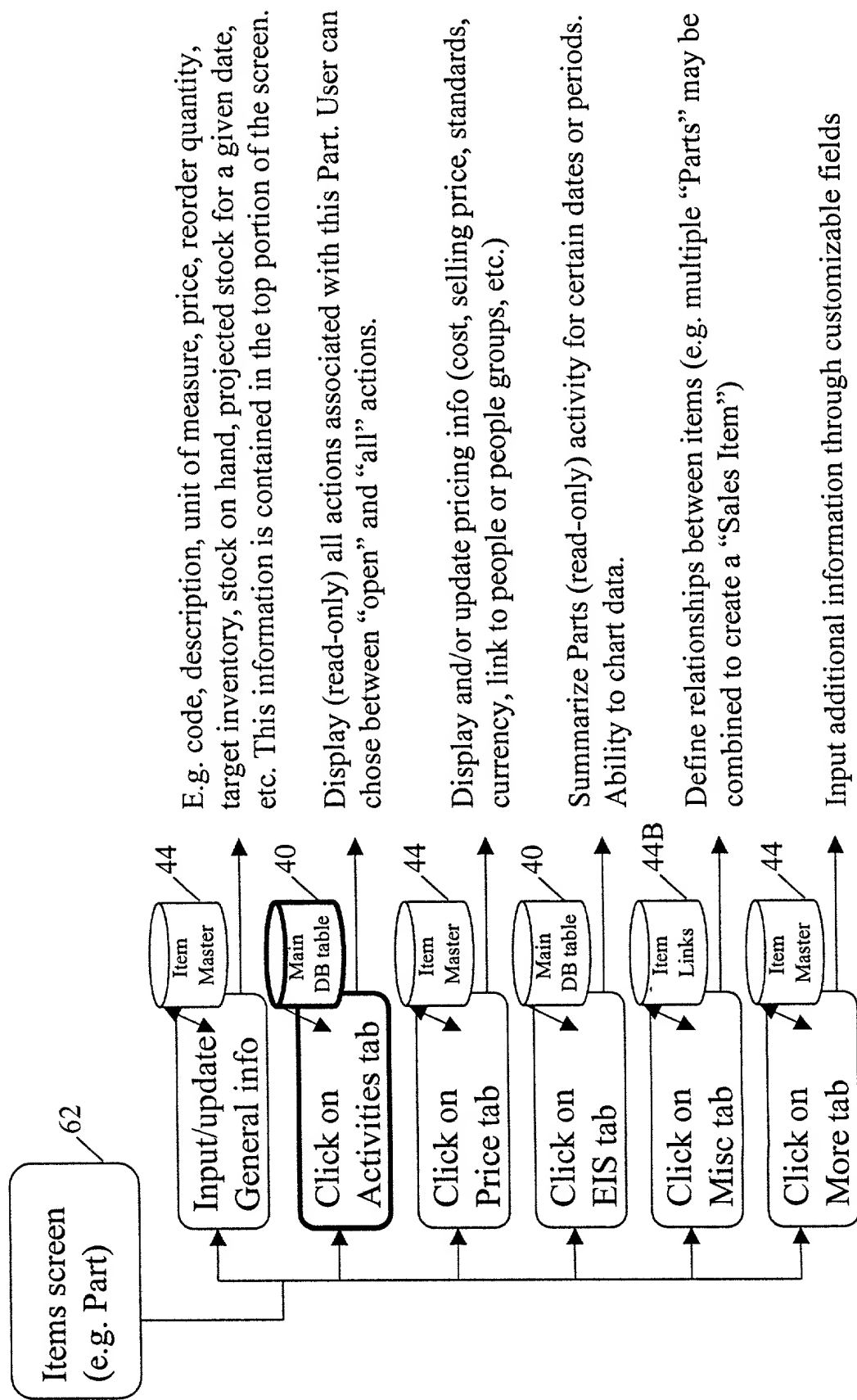


Fig. 7



E.g. code, description, unit of measure, price, reorder quantity, target inventory, stock on hand, projected stock for a given date, etc. This information is contained in the top portion of the screen.

Display (read-only) all actions associated with this Part. User can chose between "open" and "all" actions.

Display and/or update pricing info (cost, selling price, standards, currency, link to people or people groups, etc.)

Summarize Parts (read-only) activity for certain dates or periods. Ability to chart data.

Define relationships between items (e.g. multiple "Parts" may be combined to create a "Sales Item")

Input additional information through customizable fields

Fig. 7A

62

Items Icon

People Icon

Actions Icon

Results Icon

Tools

Part/Product

Code

Butler Mfg.

C003

Urethane or All-Weather drive
 Wheel 1.25" diam.

Unit of Measure

Unit/each

Replenish

POR

Currency

USD

Min Reorder Pt

0

Max Inventory

0

Date

9 / 5 / 00

Proj. Stock

0

On Hand

0

Tax Rate

5

Price/Cost w/tax

0

☒ Unit of Measure
☐ Shortage Manager
☐ Consolidate

Activity

Price

EIS

Misc

More

Open

Date	Type	Action	Item	Description	Unit	Pr/Cost	Qty	Bal	Total
4/1/01	DEL	<Prov>	01-1067	Urethane All-weather EA	EA	13.25	18100	18100	239,825.00
4/2/01	CO	CO645	01-1067	Urethane All-weather EA	EA	13.25	13580	13580	179,935.00
4/3/01	DEL	<Prov>	01-1067	Urethane All-weather EA	EA	13.25	13580	13580	179,935.00
4/4/01	CO	CO645	01-1067	Urethane All-weather EA	EA	13.25	15200	15200	201,400.00
4/5/01	DEL	<Prov>	01-1067	Urethane All-weather EA	EA	13.25	15200	15200	201,400.00
4/6/01	CO	CO678	01-1067	Urethane All-weather EA	EA	13.25	9050	9050	119,912.50
4/7/01	DEL	<Prov>	01-1067	Urethane All-weather EA	EA	13.25	9050	9050	119,912.50
4/8/01	CO	IN234	01-1067	Urethane All-weather EA	EA	13.25	15200	15200	201,400.00
4/9/01	DEL	<Prov>	01-1067	Urethane All-weather EA	EA	13.25	15200	15200	201,400.00

63

T 0 1 3 0 " 4 6 3 2 9 6 0

Fig. 8

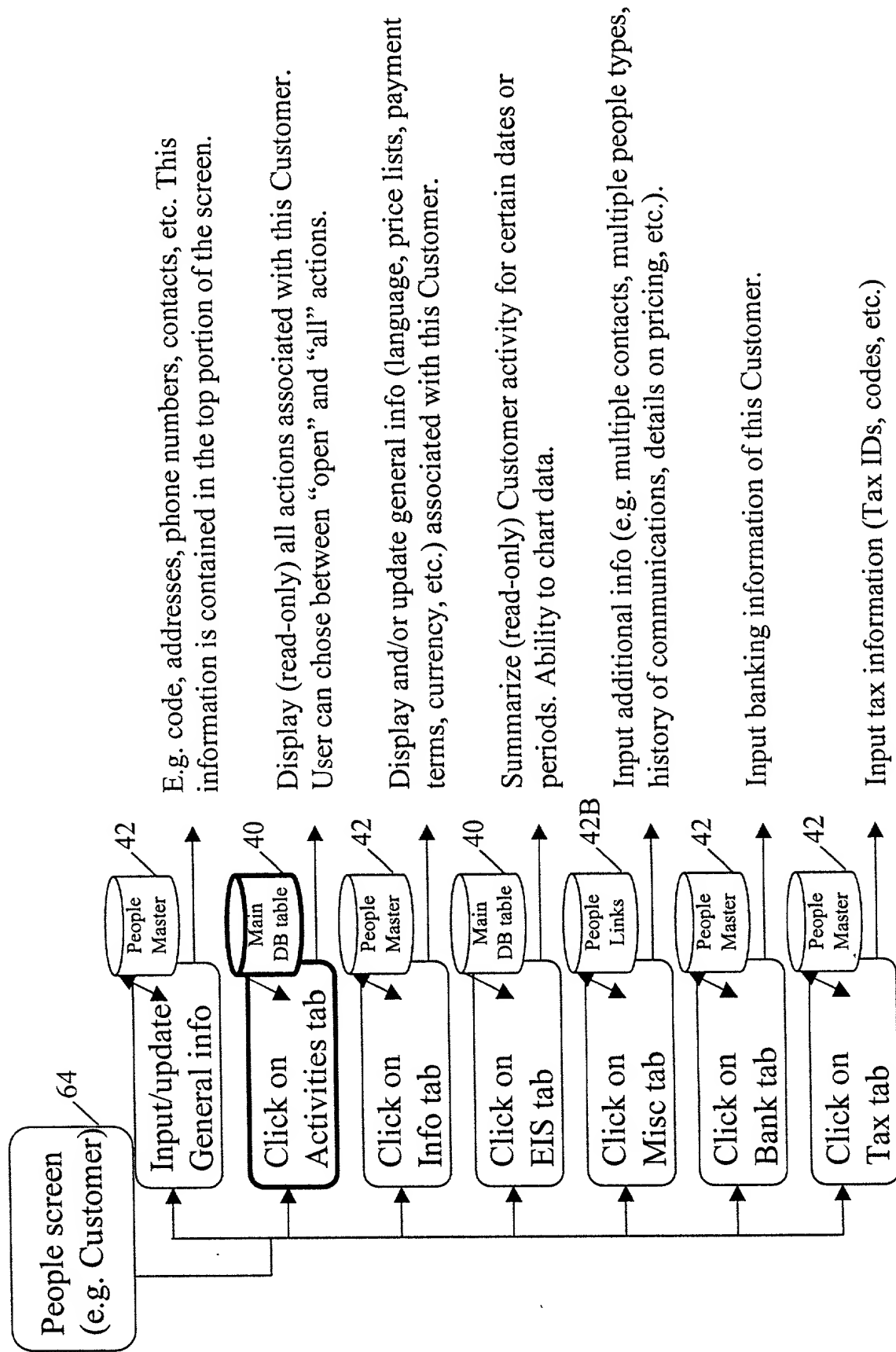


Fig. 8A

64

Items Icon

People Icon

Actions Icon

Results Icon

Tools

Customer/Client

Active ☒

Code

C003

Tel

978.749.3092

Company

Butler Mfg.

Address

25 Young Street

Division

HQ

City

Andover

Title

Mr.

Municipality

Andover

Last Name

Butler

County

MA

First Name

John

Country

01810

Activity

Info

EIS

Bank

Tax

More

Open

▼

Save

Print

Zoom In

Zoom Out

Zoom Reset

Zoom Full

Zoom Fit

Zoom Default

Save

Print

Zoom In

Zoom Out

Zoom Reset

Zoom Full

Zoom Fit

Zoom Default

Date	Type	Action	Item	Description	Unit	Pr/Cost	Qty	Bal	Total
4/1/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	18100	18100	239,825.00
4/2/01	CO	CO645	01-1067	Urethane All-weat	EA	13.25	13580	13580	179,935.00
4/3/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	13580	13580	179,935.00
4/4/01	CO	CO645	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/5/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/6/01	CO	CO678	01-1067	Urethane All-weat	EA	13.25	9050	9050	119,912.50
4/7/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	9050	9050	119,912.50
4/8/01	CO	IN234	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/9/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00

Fig. 9

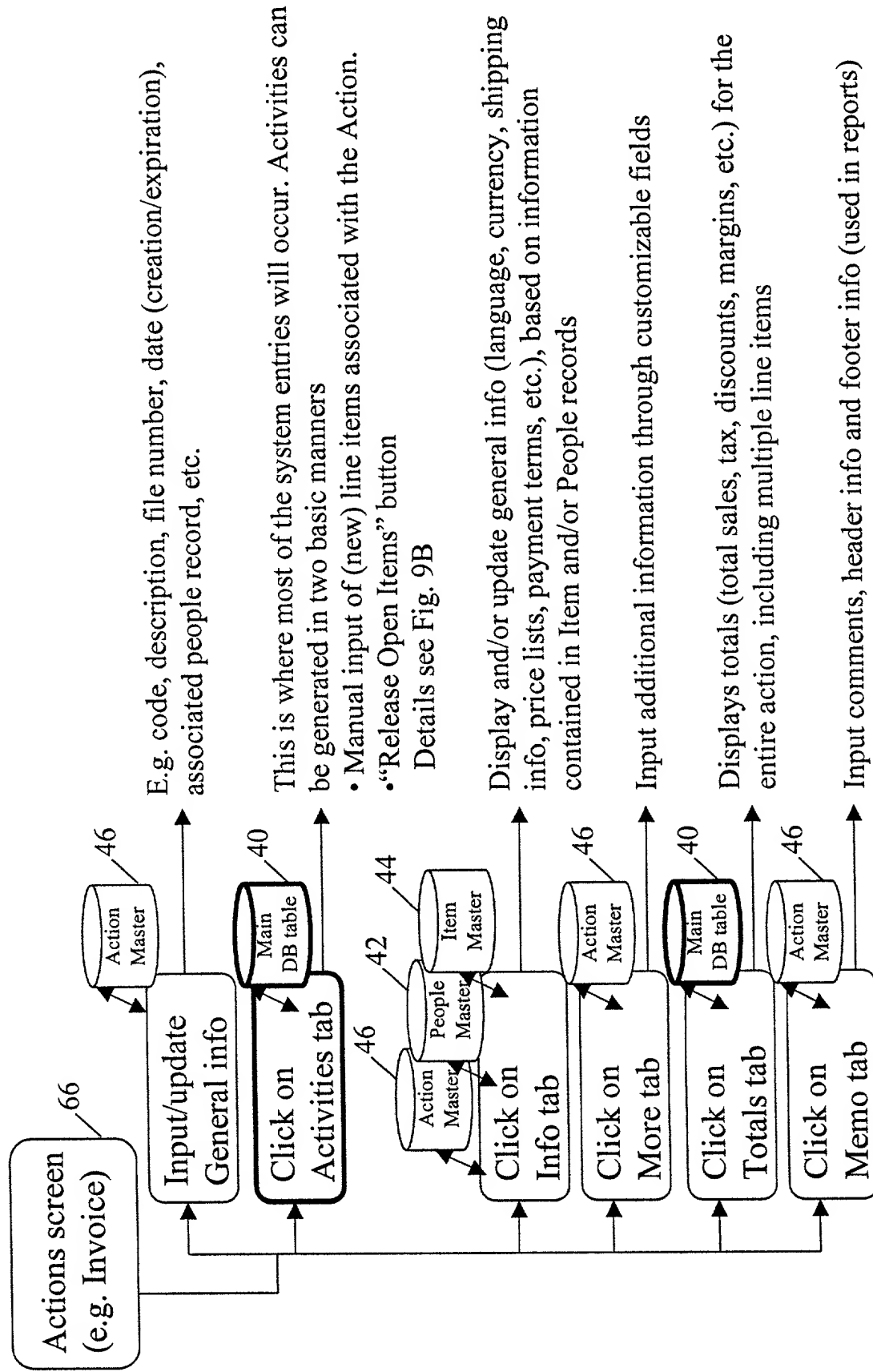


Fig. 9A

Items Icon

People Icon

Actions Icon

Results Icon

Tools

Customer Orders

No 00129
File No. 00129

Date Creation 3/27/00 Transfer 12/27/00
User 3/27/00 Week # 12 / 00
Expir. 3/27/00 Week # 12 / 00

CU003

Primary Address

Butler Mfg.
HQ
Mr. John Butler
25 Young Street
Andover, MA, 01810-USA

Total 21,735.00

Activity	Info	Totals	More	Memo					
Date	Type	Action	Item	Description	Unit	Pr/Cost	Qty	Bal	Total
4/1/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	18100	18100	239,825.00
4/2/01	CO	CO645	01-1067	Urethane All-weat	EA	13.25	13580	13580	179,935.00
4/3/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	13580	13580	179,935.00
4/4/01	CO	CO645	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/5/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/6/01	CO	CO678	01-1067	Urethane All-weat	EA	13.25	9050	9050	119,912.50
4/7/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	9050	9050	119,912.50
4/8/01	CO	IN234	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00
4/9/01	DEL	<Prov>	01-1067	Urethane All-weat	EA	13.25	15200	15200	201,400.00

73

74

Fig. 9B

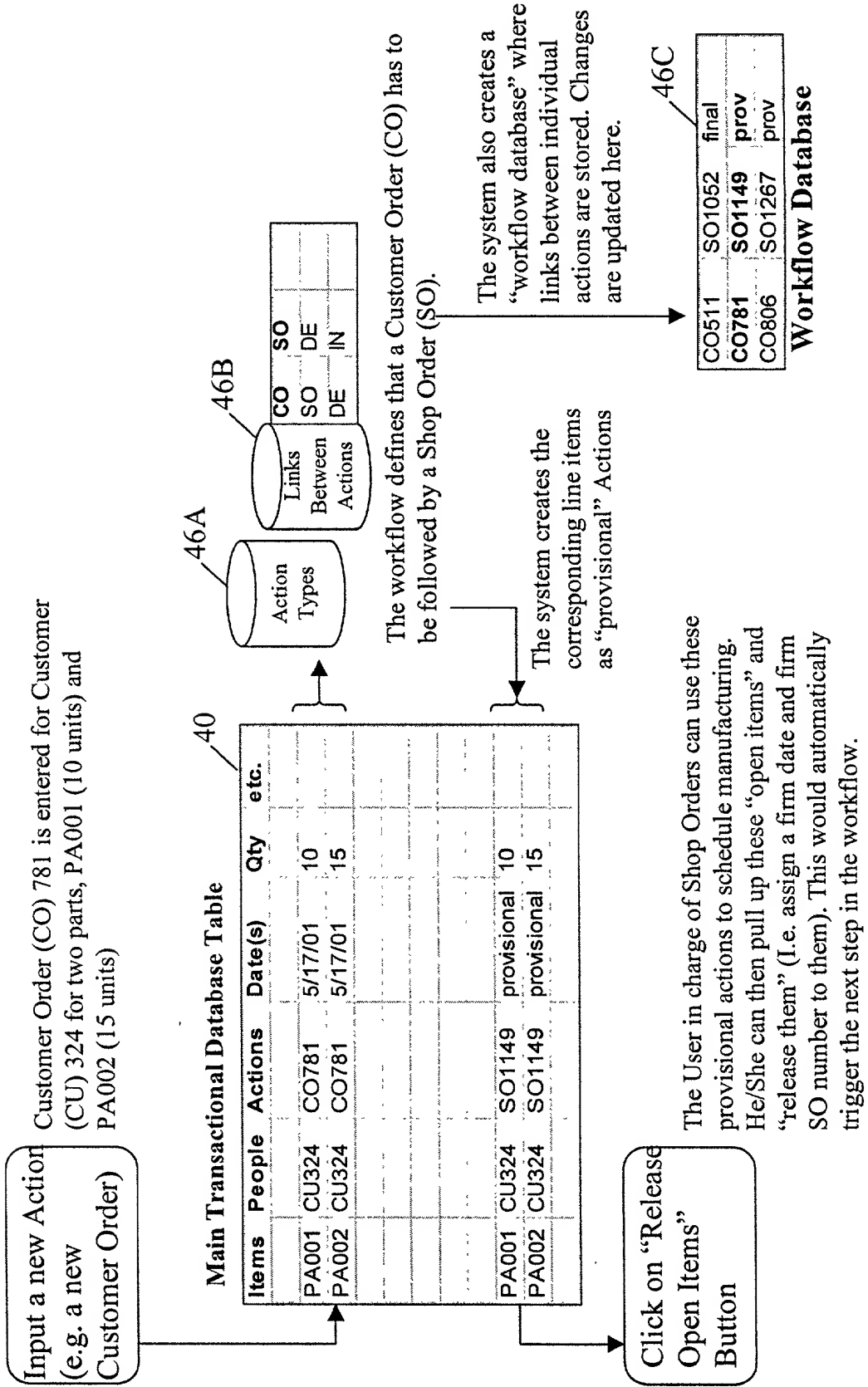
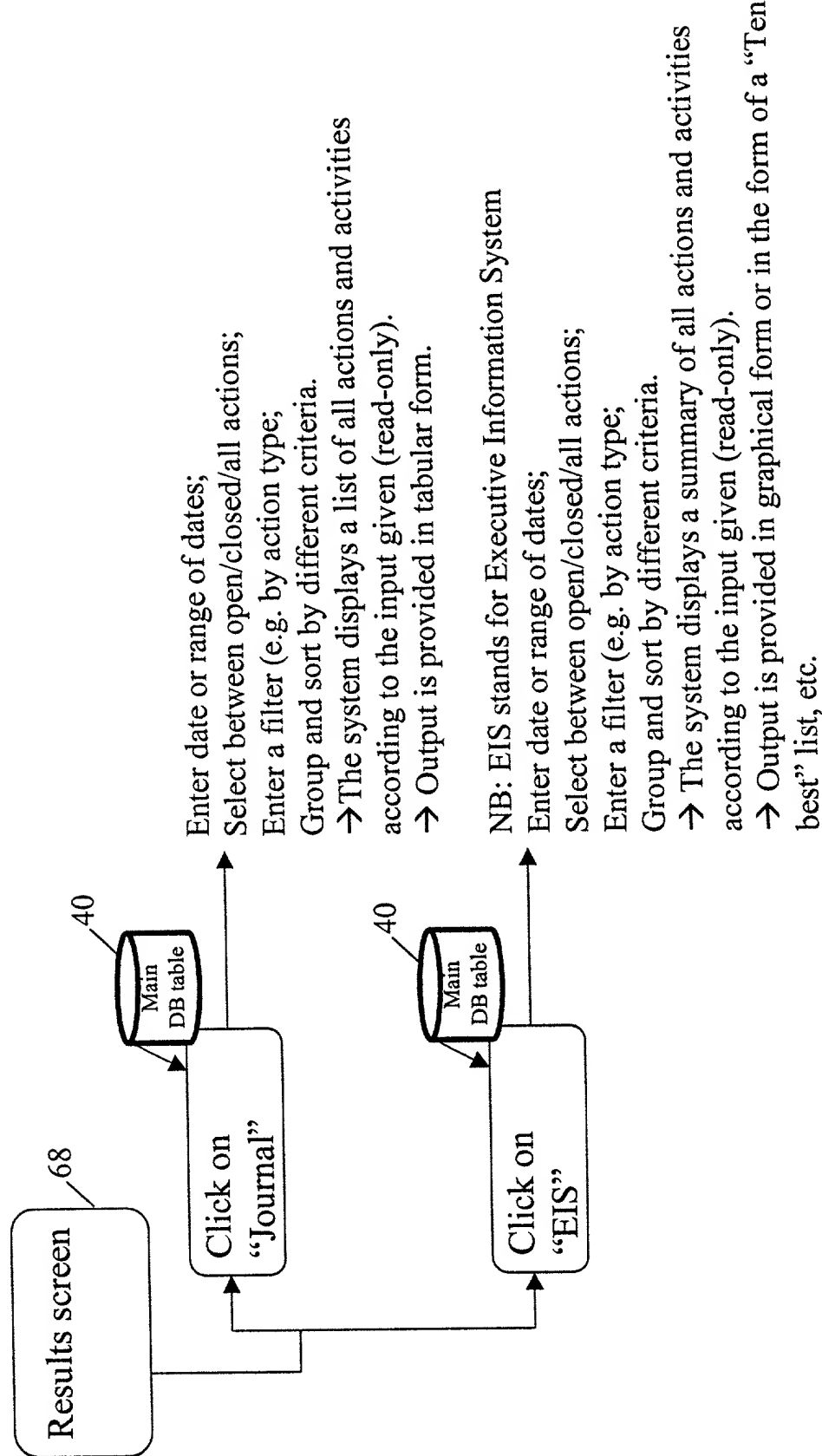


Fig. 10



Journal	EIS
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☐ View Open Items Only
 ☐ Filter the Customer Orders
 ☐ Filter from 5/1/00 to 9/1/00

Refresh

Action Type	People
<p>1. Identify the problem</p> <p>2. Generate possible solutions</p> <p>3. Evaluate the solutions</p> <p>4. Implement the solution</p>	<p>1. Identify the problem</p> <p>2. Generate possible solutions</p> <p>3. Evaluate the solutions</p> <p>4. Implement the solution</p>

Customer Orders

CU003 .

[illegible]

Deliveries

-	CU003
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CO603	CO645	01-1067	Urethane All-weather EA	13.25	13580	179,935.00
4/2/01 CO	CO645	01-1067	Urethane All-weather EA <td>13.25</td> <td>13580</td> <td>179,935.00</td>	13.25	13580	179,935.00
4/3/01 DEL	<Prov>	01-1067	Urethane All-weather EA <td>13.25</td> <td>13580</td> <td>179,935.00</td>	13.25	13580	179,935.00
4/4/01 CO	CO645	01-1067	Urethane All-weather EA <td>13.25</td> <td>15200</td> <td>201,400.00</td>	13.25	15200	201,400.00
4/5/01 DEL	<Prov>	01-1067	Urethane All-weather EA <td>13.25</td> <td>15200</td> <td>201,400.00</td>	13.25	15200	201,400.00
4/6/01 CO	CO678	01-1067	Urethane All-weather EA <td>13.25</td> <td>9050</td> <td>119,912.50</td>	13.25	9050	119,912.50

Fig. 11

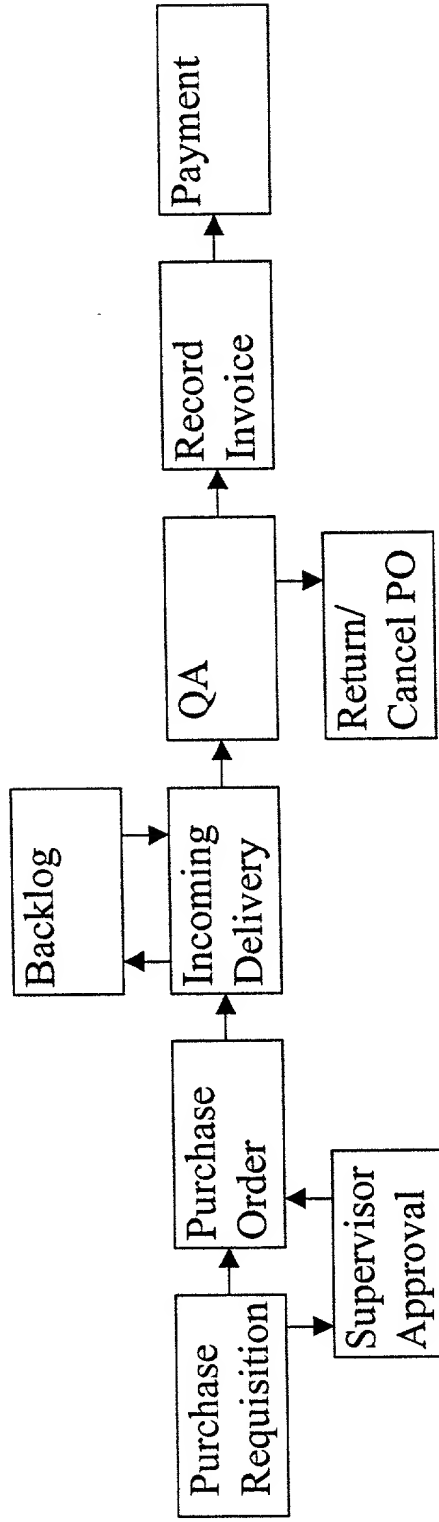


Fig. 11A

Table "Action Types"

46A

Type	Description	Inventory	Etc.
Purch Req	Purchase Requisition	N	
Purch Order	Purchase Order	N	
Sup Approv	Supervisor Approval	N	
Incom Deliv	Incoming Deliver	N	
Backlog	Backlog (Purchases)	N	
QA	Incoming Quality Assur.	Y	
Return	Return to supplier	N	

Fig. 11B

Table "Links Between Actions"

46B

Action 1	Action 2	Cond	Type
Purch Req	Purch Order		
Purch Req	Sup Approv		
Sup Approv	Purch Order		
Purch Ord	Incom Deliv		
Incom Deliv	Backlog		
Backlog	Incom Deliv		
Incom Deliv	QA		
QA	Return		
QA	Invoice		
Invoice	Payment		